

Connecting via Winsock to STN

Welcome to STN International! Enter x:X

LOGINID:SSPTANSC1625

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page for STN Seminar Schedule - N. America
NEWS 2 JUL 28 CA/CAPplus patent coverage enhanced
NEWS 3 JUL 28 EPFULL enhanced with additional legal status
information from the epline Register
NEWS 4 JUL 28 IFICDB, IFIPAT, and IFIUDB reloaded with enhancements
NEWS 5 JUL 28 STN Viewer performance improved
NEWS 6 AUG 01 INPADOCDB and INPAFAMDB coverage enhanced
NEWS 7 AUG 13 CA/CAPplus enhanced with printed Chemical Abstracts
page images from 1967-1998
NEWS 8 AUG 15 CAOLD to be discontinued on December 31, 2008
NEWS 9 AUG 15 CAPplus currency for Korean patents enhanced
NEWS 10 AUG 27 CAS definition of basic patents expanded to ensure
comprehensive access to substance and sequence
information
NEWS 11 SEP 18 Support for STN Express, Versions 6.01 and earlier,
to be discontinued
NEWS 12 SEP 25 CA/CAPplus current-awareness alert options enhanced
to accommodate supplemental CAS indexing of
exemplified prophetic substances
NEWS 13 SEP 26 WPIDS, WPINDEX, and WPIX coverage of Chinese and
and Korean patents enhanced
NEWS 14 SEP 29 IFICLS enhanced with new super search field
NEWS 15 SEP 29 EMBASE and EMBAL enhanced with new search and
display fields
NEWS 16 SEP 30 CAS patent coverage enhanced to include exemplified
prophetic substances identified in new Japanese-
language patents
NEWS 17 OCT 07 EPFULL enhanced with full implementation of EPC2000
NEWS 18 OCT 07 Multiple databases enhanced for more flexible patent
number searching
NEWS 19 OCT 22 Current-awareness alert (SDI) setup and editing
enhanced
NEWS 20 OCT 22 WPIDS, WPINDEX, and WPIX enhanced with Canadian PCT
Applications
NEWS 21 OCT 24 CHEMLIST enhanced with intermediate list of
pre-registered REACH substances

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 15:56:16 ON 20 NOV 2008

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 15:56:31 ON 20 NOV 2008

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2008 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 19 NOV 2008 HIGHEST RN 1073427-79-8

DICTIONARY FILE UPDATES: 19 NOV 2008 HIGHEST RN 1073427-79-8

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

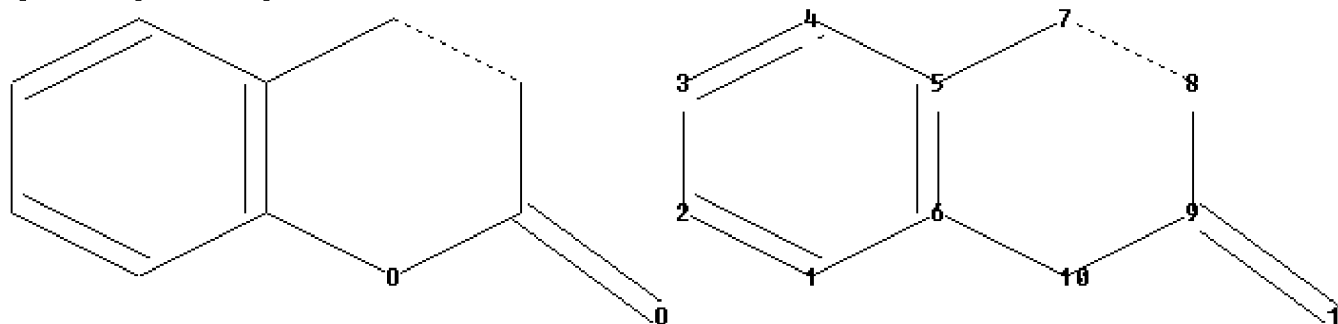
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

=>

Uploading C:\Program Files\STNEXP\Queries\chrom-2-one.str



chain nodes :

11

```

ring nodes :
1  2  3  4  5  6  7  8  9  10
chain bonds :
9-11
ring bonds :
1-2  1-6  2-3  3-4  4-5  5-6  5-7  6-10  7-8  8-9  9-10
exact/norm bonds :
5-7  6-10  7-8  8-9  9-10  9-11
normalized bonds :
1-2  1-6  2-3  3-4  4-5  5-6

```

```

Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:Atom  8:Atom  9:Atom  10:Atom
11:CLASS

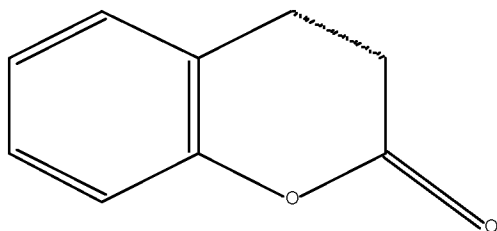
```

L1 STRUCTURE UPLOADED

```

=> d l1
L1 HAS NO ANSWERS
L1        STR

```



Structure attributes must be viewed using STN Express query preparation.

```

=> s sss sam l1
SAMPLE SEARCH INITIATED 15:56:56 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -     30165 TO ITERATE

   6.6% PROCESSED        2000 ITERATIONS                    50 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

```

```

FULL FILE PROJECTIONS:  ONLINE    **COMPLETE**
                         BATCH    **COMPLETE**
PROJECTED ITERATIONS:        592911 TO    613689
PROJECTED ANSWERS:           186572 TO    198332

```

L2 50 SEA SSS SAM L1

```

=> d scan

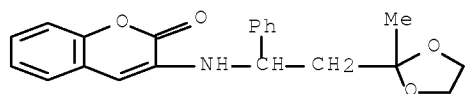
```

```

L2    50 ANSWERS    REGISTRY    COPYRIGHT 2008 ACS on STN
IN    2H-1-Benzopyran-2-one, 3-[[2-(2-methyl-1,3-dioxolan-2-yl)-1-
      phenylethyl]amino]-

```

MF C21 H21 N O4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> s sss full l1

FULL SEARCH INITIATED 15:57:19 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 603896 TO ITERATE

100.0% PROCESSED 603896 ITERATIONS

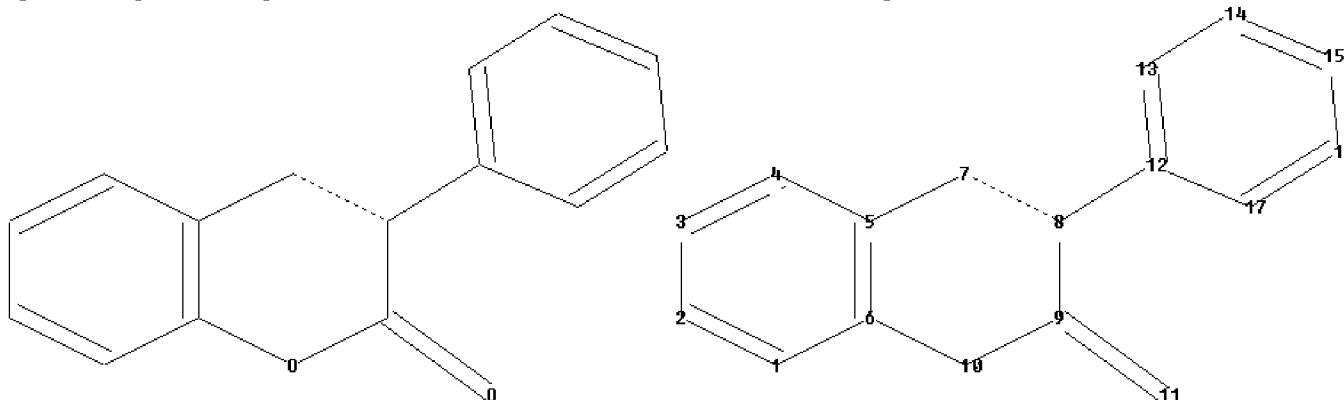
194390 ANSWERS

SEARCH TIME: 00.00.04

L3 194390 SEA SSS FUL L1

=>

Uploading C:\Program Files\STNEXP\Queries\chrom2-one-2-phe.str



chain nodes :

11

ring nodes :

1 2 3 4 5 6 7 8 9 10 12 13 14 15 16 17

chain bonds :

8-12 9-11

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10 12-13 12-17 13-14 14-15
15-16 16-17

exact/norm bonds :

5-7 6-10 7-8 8-9 9-10 9-11

exact bonds :

8-12

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 12-13 12-17 13-14 14-15 15-16 16-17

Match level :

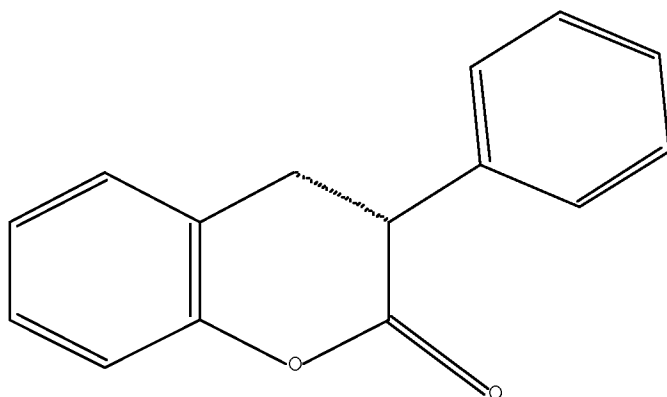
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:CLASS 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom

L10 STRUCTURE UPLOADED

=> d l10

L10 HAS NO ANSWERS

L10 STR



Structure attributes must be viewed using STN Express query preparation.

=> s sss sam l10

SAMPLE SEARCH INITIATED 16:08:40 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 1467 TO ITERATE

100.0% PROCESSED 1467 ITERATIONS

50 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 27043 TO 31637

PROJECTED ANSWERS: 9257 TO 12023

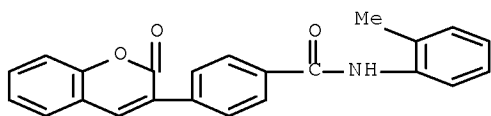
L11 50 SEA SSS SAM L10

=> d scan

L11 50 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

IN Benzamide, N-(2-methylphenyl)-4-(2-oxo-2H-1-benzopyran-3-yl)-

MF C23 H17 N O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

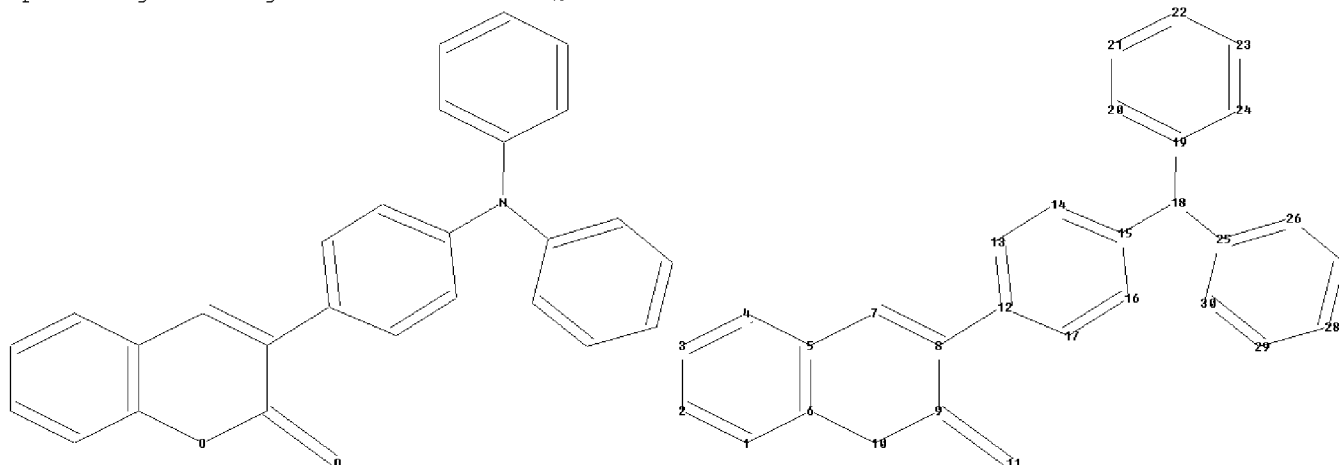
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> save l13 chrom2on2phe/a

ANSWER SET L13 HAS BEEN SAVED AS 'CHROM2ON2PHE/A'

=>

Uploading C:\Program Files\STNEXP\Queries\10564039A.str



chain nodes :

11 18

ring nodes :

1 2 3 4 5 6 7 8 9 10 12 13 14 15 16 17 19 20 21 22 23 24 25
26 27 28 29 30

chain bonds :

8-12 9-11 15-18 18-19 18-25

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10 12-13 12-17 13-14 14-15
15-16 16-17 19-20 19-24 20-21 21-22 22-23 23-24 25-26 25-30 26-27 27-28
28-29 29-30

exact/norm bonds :

5-7 6-10 7-8 8-9 9-10 9-11 15-18 18-19 18-25

exact bonds :

8-12

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 12-13 12-17 13-14 14-15 15-16 16-17 19-20 19-
24 20-21 21-22 22-23 23-24 25-26 25-30 26-27 27-28 28-29 29-30

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:CLASS 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:CLASS 19:Atom
20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:Atom 28:Atom

29:Atom 30:Atom

L14 STRUCTURE UPLOADED

=> d l14

L14 HAS NO ANSWERS

L14 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s sss l14 subset=l3 sam

SAMPLE SUBSET SEARCH INITIATED 16:15:34 FILE 'REGISTRY'

SAMPLE SUBSET SCREEN SEARCH COMPLETED - 3 TO ITERATE

100.0% PROCESSED 3 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

PROJECTIONS (WITHIN SPECIFIED SUBSET):

ONLINE **COMPLETE**

PROJECTED ITERATIONS (WITHIN SPECIFIED SUBSET):

3 TO 163

PROJECTED ANSWERS (WITHIN SPECIFIED SUBSET):

0 TO 0

L15 0 SEA SUB=L3 SSS SAM L14

=> s sss l14 subset=l3 full

FULL SUBSET SEARCH INITIATED 16:15:52 FILE 'REGISTRY'

FULL SUBSET SCREEN SEARCH COMPLETED - 81 TO ITERATE

100.0% PROCESSED 81 ITERATIONS

6 ANSWERS

SEARCH TIME: 00.00.01

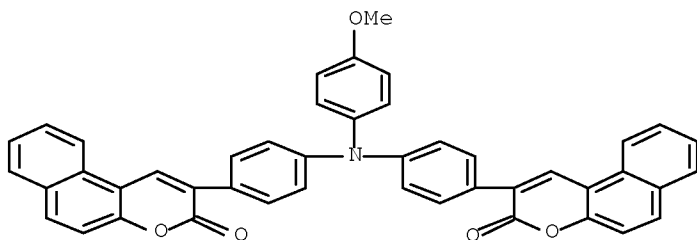
L16 6 SEA SUB=L3 SSS FUL L14

=> d scan

L16 6 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

IN 3H-Naphtho[2,1-b]pyran-3-one, 2,2'-[[(4-methoxyphenyl)imino]di-4,1-phenylene]bis- (9CI)

MF C45 H29 N O5



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> fil caplu

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

277.28

277.49

FILE 'CAPLUS' ENTERED AT 16:16:09 ON 20 NOV 2008

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 20 Nov 2008 VOL 149 ISS 21

FILE LAST UPDATED: 19 Nov 2008 (20081119/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> s l16

L17 2 L16

=> d ibib abs hitstr 1-2

L17 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2006:269724 CAPLUS Full-text

DOCUMENT NUMBER: 144:321175

TITLE: Organic electroluminescent material and organic electroluminescent device by using the same

INVENTOR(S): Chen, Hung-Lin; Lin, Hsien-Chang; Wu, Chia-Dung; Wang, Tsing-Hai

PATENT ASSIGNEE(S): Ritdisplay Corporation, Taiwan

SOURCE: U.S. Pat. Appl. Publ., 20 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

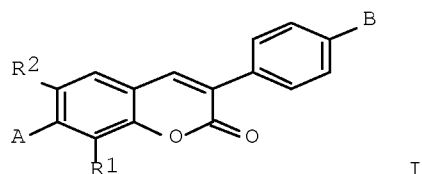
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

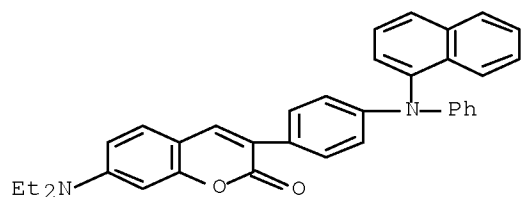
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
US 20060063034	A1	20060323	US 2005-168390	20050629
TW 237523	B	20050801	TW 2004-93128778	20040922

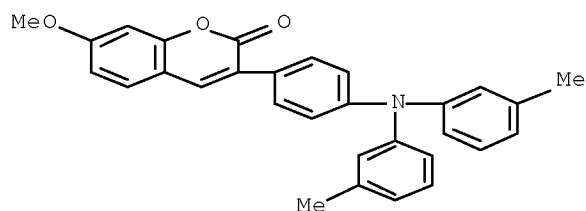
CN 1872946 A 20061206 CN 2005-10075447 20050601
 PRIORITY APPLN. INFO.: TW 2004-93128778 A 20040922
 OTHER SOURCE(S): MARPAT 144:321175
 GI



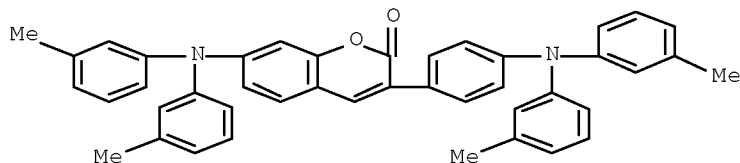
AB The invention refers to an organic electroluminescent material I [A, B =
 electron donating group; R1-2 = alkyl group].
 IT 879689-25-5P
 RL: DEV (Device component use); SPN (Synthetic preparation); PREP
 (Preparation); USES (Uses)
 (organic electroluminescent material and organic electroluminescent device
 by using the same)
 RN 879689-25-5 CAPLUS
 CN 2H-1-Benzopyran-2-one, 7-(diethylamino)-3-[4-(1-
 naphthalenylphenylamino)phenyl]- (CA INDEX NAME)



IT 879689-24-4P 879689-26-6P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (organic electroluminescent material and organic electroluminescent device
 by using the same)
 RN 879689-24-4 CAPLUS
 CN 2H-1-Benzopyran-2-one, 3-[4-[bis(3-methylphenyl)amino]phenyl]-7-methoxy-
 (CA INDEX NAME)

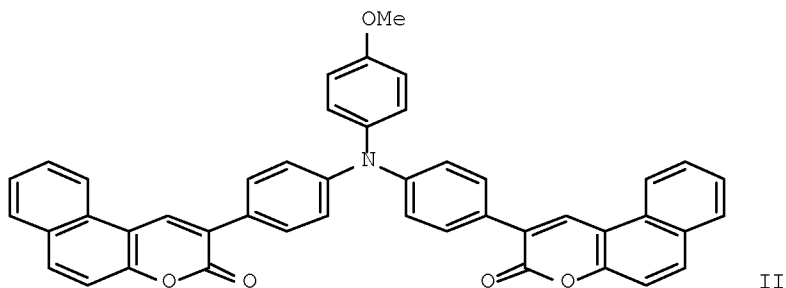
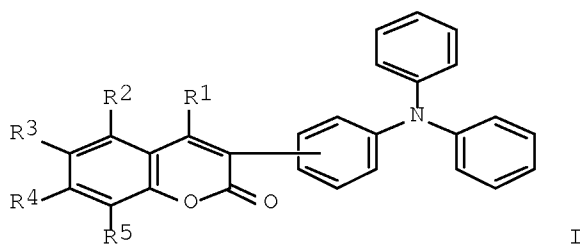


RN 879689-26-6 CAPLUS
 CN 2H-1-Benzopyran-2-one, 7-[bis(3-methylphenyl)amino]-3-[4-[bis(3-methylphenyl)amino]phenyl]- (CA INDEX NAME)



L17 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2005:55222 CAPLUS Full-text
 DOCUMENT NUMBER: 142:134461
 TITLE: Preparation of aromatic amines as organic electroluminescent elements
 INVENTOR(S): Fujiwara, Makoto; Sonoda, Natsuko; Satsuki, Makoto; Suga, Sadaharu; Fujikawa, Hisayoshi; Noda, Koji; Taga, Yasunori
 PATENT ASSIGNEE(S): Kabushiki Kaisha Hayashibara Seibutsu Kagaku Kenkyujo, Japan
 SOURCE: PCT Int. Appl., 58 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005005408	A1	20050120	WO 2004-JP9660	20040707
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
JP 2005029545	A	20050203	JP 2003-273687	20030711
JP 2005247976	A	20050915	JP 2004-59280	20040303
US 20060226421	A1	20061012	US 2006-564039	20060110
KR 2006041223	A	20060511	KR 2006-700745	20060111
PRIORITY APPLN. INFO.:			JP 2003-273687	A 20030711
			JP 2004-59280	A 20040303
			WO 2004-JP9660	W 20040707
OTHER SOURCE(S):			CASREACT 142:134461	
GI				



AB This invention pertains to a method for producing aromatic amines I [wherein R1-R5 = independently H or a substituent] as organic electroluminescent elements. For example, N,N'-diphenylbenzidine was reacted with 4-methoxyaniline in toluene in the presence of Pd(OAc)₂, t-BuOK, and t-Bu₃P to give II. I were tested as organic electroluminescent elements.

IT 827321-61-9P 827321-62-0P 827321-63-1P

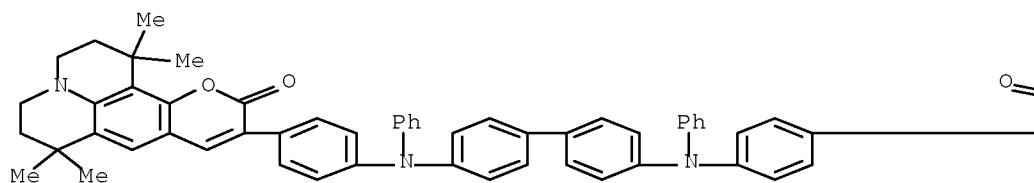
RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP (Preparation)

(preparation of aromatic amines as organic electroluminescent elements)

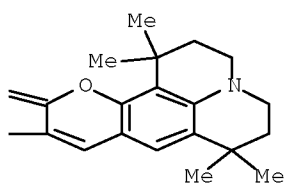
RN 827321-61-9 CAPLUS

CN 1H, 5H, 11H-[1]Benzopyrano[6,7,8-ij]quinolizin-11-one, 10,10'-[[1,1'-biphenyl]-4,4'-diylbis[(phenylimino)-4,1-phenylene]]bis[2,3,6,7-tetrahydro-1,1,7,7-tetramethyl- (9CI) (CA INDEX NAME)

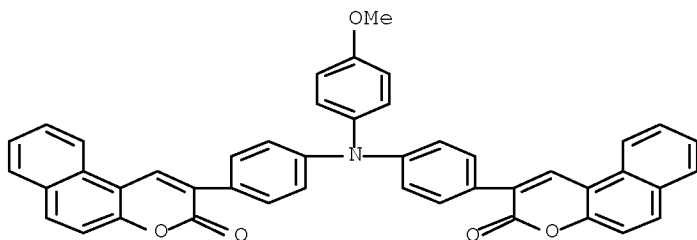
PAGE 1-A



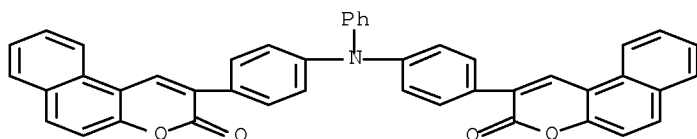
PAGE 1-B



RN 827321-62-0 CAPLUS
 CN 3H-Naphtho[2,1-b]pyran-3-one, 2,2'-[[(4-methoxyphenyl)imino]di-4,1-phenylene]bis- (9CI) (CA INDEX NAME)



RN 827321-63-1 CAPLUS
 CN 3H-Naphtho[2,1-b]pyran-3-one, 2,2'-[(phenylimino)di-4,1-phenylene]bis- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 15:56:16 ON 20 NOV 2008)

FILE 'REGISTRY' ENTERED AT 15:56:31 ON 20 NOV 2008

```

L1      STRUCTURE UPLOADED
L2      50 S SSS SAM L1
L3      194390 S SSS FULL L1
          ACTIVATE BARB11199866/A
          -----
L4      STR
L5      ( 32746)SEA FILE=REGISTRY SSS FUL L4
L6      STR
L7      10690 SEA FILE=REGISTRY SUB=L5 SSS FUL L6
          -----
          DELETE BAR11199866/A
          ACTIVATE GEE11622900/A
          -----
L8      STR
L9      1163 SEA FILE=REGISTRY SSS FUL L8
          -----
          DELETE BARB11199866/A
L10     STRUCTURE UPLOADED
L11     50 S SSS SAM L10
  
```

L12 50 S SSS L10 SAM SUB=L3
L13 10493 S SSS L10 FULL SUB=L3
 SAVE L13 CHROM2ON2PHE/A
L14 STRUCTURE UPLOADED
L15 0 S SSS L14 SAM SUB=L3
L16 6 S SSS L14 FULL SUB=L3

 FILE 'CAPLUS' ENTERED AT 16:16:09 ON 20 NOV 2008
L17 2 S L16

=> logoff y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	13.30	290.79
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-1.60	-1.60

STN INTERNATIONAL LOGOFF AT 16:19:25 ON 20 NOV 2008